

**The Alberta Heritage
Savings Trust Fund
Capital Projects Division**

**1991-92 Estimates
of Proposed Investments**



91-03958/

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PREFACE

The 1991-92 Estimates of Proposed Investments present to the Legislative Assembly the investment proposals being made for the Capital Projects Division of the Alberta Heritage Savings Trust Fund. Capital Projects Division investments are made in projects which, as defined by the Alberta Heritage Savings Trust Fund Act, will provide long-term economic or social benefits to the people of Alberta but which may not necessarily by their nature yield a return to the Trust Fund. The Legislative Assembly will be asked to appropriate money from the Heritage Savings Trust Fund to each vote under Section 1 of the Appropriation (Alberta Heritage Savings Trust Fund, Capital Projects Division) Act, 1991.

For the information of the Legislative Assembly, projects have been reported at the sub-project level, where applicable, and by object of expenditure with comparable figures from 1990-91. Expenditure control within projects exists at the object of expenditure and sub-project levels (where a sub-project breakdown exists) insofar as control of transfers of funding authority between sub-projects and between object groupings is subject to Treasury Board directive.

SYMBOLS

The following symbols are used throughout this publication:

- . . . figures not appropriate or not applicable
- - amount too small (large) to be expressed
- nil or zero.

**The Alberta Heritage
Savings Trust Fund
Capital Projects Division**

**1991-92 Estimates
of Proposed Investments**

Votes By Project





ALBERTA HERITAGE SAVINGS TRUST FUND
CAPITAL PROJECTS DIVISION

THE HONOURABLE LEROY FJORDBOTTEN
Minister of Forestry, Lands and Wildlife
408 Legislature Building, 427-3674

THE HONOURABLE NANCY BETKOWSKI
Minister of Health
323 Legislature Building, 427-3665

THE HONOURABLE KEN KOWALSKI
Minister of Public Works, Supply and Services
132 Legislature Building, 427-3666

THE HONOURABLE DR. STEPHEN C. WEST
Minister of Recreation and Parks
425 Legislature Building, 427-3672

THE HONOURABLE FRED A. STEWART
Minister of Technology, Research and Telecommunications
403 Legislature Building, 422-5982

THE HONOURABLE ERNIE ISLEY
Minister of Agriculture
131 Legislature Building, 427-2137

THE HONOURABLE SHIRLEY McCLELLAN
Associate Minister of Agriculture
126 Legislature Building, 422-9156

THE HONOURABLE RICK ORMAN
Minister of Energy
228 Legislature Building, 427-3740

THE HONOURABLE RALPH KLEIN
Minister of the Environment
130 Legislature Building, 427-2391

THE HONOURABLE PETER TRYNCHY
Minister Responsible for
Occupational Health and Safety
420 Legislature Building, 422-9613

COMPARATIVE SUMMARY OF PROPOSED INVESTMENTS

DEPARTMENT	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
	\$	%	\$
AGRICULTURE.....	33,815,000	2.3	33,068,000
ENERGY	1,000,000	—	1,000,000
ENVIRONMENT.....	42,500,000	(0.9)	42,900,000
EXECUTIVE COUNCIL	1,180,000	(3.1)	1,218,000
FORESTRY, LANDS AND WILDLIFE.....	9,344,000	108.0	4,492,000
HEALTH	8,800,000	214.3	2,800,000
PUBLIC WORKS, SUPPLY AND SERVICES	—	(100.0)	800,000
RECREATION AND PARKS	9,745,000	63.1	5,975,000
TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS	3,296,000	(95.1)	66,725,000
Amount to be voted	109,680,000	(31.0)	158,978,000
Total Capital Projects Division Investments to March 31, 1990	\$3,047,073,000		

ALBERTA HERITAGE SAVINGS TRUST FUND
CAPITAL PROJECTS DIVISION—*Continued*

SUMMARY BY OBJECT OF EXPENDITURE
TOTAL ALBERTA HERITAGE SAVINGS TRUST FUND
CAPITAL PROJECTS DIVISION

Object of Expenditure	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
	\$	%	\$
Salaries, Wages and Employee Benefits	3,285,607	18.8	2,764,500
Supplies and Services	36,888,581	43.3	25,733,600
Grants	69,082,312	(46.9)	130,136,500
Purchase of Fixed Assets	423,500	24.0	341,400
Payments to Members of the Legislative Assembly	—	(100.0)	2,000
	109,680,000	(31.0)	158,978,000

SUMMARY OF MANPOWER AUTHORIZATION
TOTAL ALBERTA HERITAGE SAVINGS TRUST FUND
CAPITAL PROJECTS DIVISION

Full-Time Equivalent Employment	77.8	21.0	64.3
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AGRICULTURE

VOTE 1 — FARMING FOR THE FUTURE

Objective: To provide funding for agricultural research with the aim of assuring the long term viability of agriculture and the improvement of net farm incomes in the Province.

Implementation: The Alberta Agricultural Research Institute administers the program. It reviews research proposals and approves projects for funding. Research projects can be in any of the following categories: apiculture and entomology; beef and dairy cattle; cereals and oil seeds; forage crops; land use and soils; transportation, processing and marketing; poultry, sheep and swine; and special crops. Approved projects are either funded by a research grant or undertaken directly. New technology is transferred to producers through On-Farm Demonstration projects.

Total Investment to March 31, 1990: \$53,347,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$

(No Sub-Projects)

Amount to be voted	5,000,000	—	5,000,000
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Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	1,147,650	35.0	850,000
Supplies and Services	312,350	(40.2)	522,000
Grants	3,530,000	(2.0)	3,601,500
Purchase of Fixed Assets	10,000	(59.2)	24,500
Payments to MLAs	—	(100.0)	2,000
	5,000,000	—	5,000,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	33.0	57.1	21.0
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AGRICULTURE—Continued

VOTE 2 — IRRIGATION REHABILITATION AND EXPANSION

Objective: To assist irrigation districts in rehabilitating irrigation systems which will ensure efficient distribution of water to Alberta's irrigation farmers.

Implementation: Agriculture administers the program and provides grants to 13 irrigation districts for two categories of projects; major works — the rehabilitation of larger canals and the rehabilitation and construction of reservoirs, and irrigation capital works — the rehabilitation of smaller canals and seepage control and drainage projects. Funds are administered under agreements executed annually with the districts. Districts contribute 14% of funding.

Total Investment to March 31, 1990: \$286,952,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
2.1	Support Services	—	(100.0)	200,000
2.2	Assistance to Irrigation Districts	25,000,000	0.8	24,800,000
	Amount to be voted	25,000,000	—	25,000,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	—	(100.0)	170,000
Grants	25,000,000	0.8	24,800,000
Purchase of Fixed Assets	—	(100.0)	30,000
	25,000,000	—	25,000,000

AGRICULTURE—Continued

VOTE 3 — PRIVATE IRRIGATION WATER SUPPLY

Objective: To assist agricultural producers in defraying costs associated with constructing the capital works necessary to divert and convey water from a spring, creek, river or lake to their land for irrigation purposes.

Implementation: Agriculture administers the project which provides grant assistance to individual farmers and ranchers and to legally constituted producer groups to defray the capital costs associated with conveying water from a source authorized under individual water licences.

Total Investment to March 31, 1990: \$192,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
	(No Sub-Projects)			
	Amount to be voted	3,815,000	24.3	3,068,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	77,845	16.2	67,000
Supplies and Services	14,655	(9.0)	16,100
Grants	3,715,000	24.7	2,978,000
Purchase of Fixed Assets	7,500	8.7	6,900
	3,815,000	24.3	3,068,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	2.0	—	2.0
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ENERGY

VOTE 1 — RENEWABLE ENERGY RESEARCH

Objective: To promote the development and application of renewable energy, particularly solar and wind, in the southwest region of Alberta thereby creating a centre of renewable energy expertise that can enhance the economic opportunities in the area.

Implementation: The Department of Energy administers this project which provides grant assistance for renewable energy research projects and which undertakes research projects directly.

Total Investment to March 31, 1990: \$77,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
	(No Sub-Projects)			
	Amount to be voted	1,000,000	—	1,000,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	90,000	(74.3)	350,000
Grants	900,000	50.0	600,000
Purchase of Fixed Assets	10,000	(80.0)	50,000
	1,000,000	—	1,000,000

ENVIRONMENT

VOTE 1 — IRRIGATION HEADWORKS AND MAIN IRRIGATION SYSTEMS IMPROVEMENT

Objective: To rehabilitate, upgrade or replace existing works on irrigation headworks systems and irrigation district main canals, and to construct additional water storage facilities and new water delivery systems, to help assure a water supply for irrigation and other multi-purpose uses in southern Alberta.

Implementation: Environment administers the program. Construction is done mainly by private firms bidding on publicly tendered contracts.

Total Investment to March 31, 1990: \$433,808,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
1.1	Program Support	1,337,000	4.4	1,281,000
1.2	Irrigation Headworks Rehabilitation	22,750,000	49.5	15,218,000
1.3	Water Management Planning	—	—	—
1.4	Water Resource Development Projects	13,650,000	(39.3)	22,501,000
1.5	Improved Operational Capabilities	2,263,000	61.6	1,400,000
Amount to be voted		40,000,000	(1.0)	40,400,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	1,220,000	11.9	1,090,000
Supplies and Services	24,753,000	39.2	17,783,000
Grants	13,670,000	(35.9)	21,322,000
Purchase of Fixed Assets	357,000	74.1	205,000
	40,000,000	(1.0)	40,400,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	22.8	—	22.8
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ENVIRONMENT—Continued
VOTE 2 — LAND RECLAMATION

Objective: To reclaim land throughout Alberta which has been disturbed and to make it as productive as it was prior to disturbance. The program also involves research to improve methods of reclaiming disturbed lands and to minimize the adverse effects of land disturbance.

Implementation: Environment coordinates the program. Proposals for research and reclamation projects are solicited from a variety of sources. Research projects may be undertaken by Government departments, industry or the Alberta Research Council. Reclamation projects are managed by the department and may be undertaken by tendering contracts or by entering into agreements with municipalities or industry.

Total Investment to March 31, 1990: \$35,371,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
2.1	Land Reclamation	2,000,000	—	2,000,000
2.2	Reclamation Research	500,000	—	500,000
	Amount to be voted	2,500,000	—	2,500,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	346,500	10.5	313,500
Supplies and Services	2,048,500	3.4	1,981,500
Grants	100,000	(50.0)	200,000
Purchase of Fixed Assets	5,000	—	5,000
	2,500,000	—	2,500,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	7.0	—	7.0
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EXECUTIVE COUNCIL

VOTE 1 — OCCUPATIONAL HEALTH AND SAFETY RESEARCH AND EDUCATION

Objective: To provide funding for research, training and education with the objectives of developing solutions to workplace health and safety problems, and promoting the health and well-being of Alberta workers through improved working conditions.

Implementation: Occupational Health and Safety administers the project. Proposals are solicited from industry, labour, post-secondary educational institutions, municipalities, and the general public. Proposals are assessed through peer reviews and by a grant steering committee, which includes representatives of business, labour and the public, to ensure that only high-quality projects with demonstrable benefits to Albertans are approved. Grant funding is provided to approved projects.

Total Investment to March 31, 1990: \$8,682,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
	(No Sub-Projects)			
	Amount to be voted	1,180,000	(3.1)	1,218,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	140,000	7.7	130,000
Supplies and Services	79,300	58.6	50,000
Grants	956,700	(7.8)	1,038,000
Purchase of Fixed Assets	4,000	...	—
	1,180,000	(3.1)	1,218,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	3.0	—	3.0
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FORESTRY, LANDS AND WILDLIFE
VOTE 1 — GRAZING RESERVES ENHANCEMENT

Objective: To provide funding for the redevelopment of 21 Provincial Grazing Reserves in Central and Northern Alberta to maintain and/or increase the grazing capacity on these reserves.

Implementation: The Public Lands Division of Forestry, Lands and Wildlife administers the Grazing Reserves program. The redevelopment of 136,000 acres of low yielding tame pastures that are reverting to brush at a rapid rate will increase the grazing capacity on these reserves. An increase in patron numbers as well as an increase in existing allotments to approximately 1,000 family farm or ranch units will occur.

Total Investment to March 31, 1990: \$39,094,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
1.1	Support Services	300,000	—	300,000
1.2	Grazing Reserve Redevelopment	2,544,000	133.0	1,092,000
	Amount to be voted	2,844,000	104.3	1,392,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	2,844,000	104.3	1,392,000
Grants	—	—	—
Purchase of Fixed Assets	—	—	—
	2,844,000	104.3	1,392,000

VOTE 2 — PINE RIDGE REFORESTATION NURSERY ENHANCEMENT

Total Investment to March 31, 1990: \$14,739,000

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	6,500,000	109.7	3,100,000
Grants	—	—	—
Purchase of Fixed Assets	—	—	—
	<u>6,500,000</u>	<u>109.7</u>	<u>3,100,000</u>

HEALTH
VOTE 1 — APPLIED CANCER RESEARCH

Objective: To provide funding for applied cancer research. This research can entail the establishment of new or expanded treatment programs and the purchase of advanced technological equipment.

Implementation: The Alberta Cancer Board reviews applied cancer research proposals and recommends projects to the department for funding. Grants are provided to the Alberta Cancer Board for the support of approved projects.

Total Investment to March 31, 1990: \$41,183,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
(No Sub-Projects)				
Amount to be voted		2,800,000	—	2,800,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	—	—	—
Grants	2,800,000	—	2,800,000
Purchase of Fixed Assets	—	—	—
	2,800,000	—	2,800,000

HEALTH—Continued

VOTE 2 — ALBERTA FAMILY LIFE AND SUBSTANCE ABUS^R FOUNDATION

Objective: To provide funding for research and education with the objective of strengthening Alberta families through the discovery of new knowledge and the application of that knowledge with respect to substance abuse.

Implementation: The Department of Health will administer the project prior to establishment of the Foundation (legislation pending). The Foundation will review research and education proposals and will recommend projects to the Minister for approval. Grants will be provided in support of approved projects.

Total Investment to March 31, 1990: Nil

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	\$	\$
	(No Sub-Projects)			
	Amount to be voted	6,000,000	...	—

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	75,000	...	—
Supplies and Services	60,000	...	—
Grants	5,835,000	...	—
Purchase of Fixed Assets	30,000	...	—
	6,000,000	...	—

Summary of Manpower Authorization

Full-Time Equivalent Employment	1.5	...	—
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PUBLIC WORKS, SUPPLY AND SERVICES
VOTE 1 — CAPITAL CITY RECREATION PARK

Objective: To reimburse the City of Edmonton for the acquisition of land in the North Saskatchewan River Valley as part of a park and recreation area.

Implementation: Public Works, Supply and Services provides a grant to the City for eligible land acquisitions.

Total Investment to March 31, 1990: \$43,523,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
	(No Sub-Projects)			
	Amount to be voted	—	(100.0)	800,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	—	—	—
Grants	—	(100.0)	800,000
Purchase of Fixed Assets	—	—	—
	—	(100.0)	800,000

RECREATION AND PARKS
VOTE 1 — MUNICIPAL RECREATION/TOURISM AREAS

Objective: To provide capital funds to develop Municipal Recreation/Tourism Areas in rural Alberta. These sites will be developed by municipal and volunteer associations to provide recreation and tourism opportunities for local residents as well as tourists.

Implementation: Recreation and Parks is responsible for the administration and coordination of the program. The municipalities and associations involved receive funding for their Municipal Recreation/Tourism Areas through conditional grants made in accordance with approved plans.

Total Investment to March 31, 1990: \$10,815,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	\$	\$
	(No Sub-Projects)			
	Amount to be voted	930,000	(67.1)	2,825,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	—	—	—
Supplies and Services	—	—	—
Grants	930,000	(67.1)	2,825,000
Purchase of Fixed Assets	—	—	—
	930,000	(67.1)	2,825,000

RECREATION AND PARKS—Continued

VOTE 2 — URBAN PARK DEVELOPMENT

Objective: To provide capital funds to assist eleven municipalities (Calgary, Edmonton, St. Albert, Fort McMurray, County of Strathcona, Leduc, Camrose, Fort Saskatchewan, Spruce Grove, Airdrie and Wetaskiwin) in the development of urban parks to enhance outdoor recreation opportunities for their residents.

Implementation: Recreation and Parks is responsible for the administration and coordination of the program. The municipalities involved receive funding for their urban parks through a system of conditional grants made in accordance with approved park plans. Lethbridge, Medicine Hat, Red Deer, Lloydminster and Grande Prairie received capital assistance totalling \$86.7 million under the former program which expired March 31, 1987.

Total Investment to March 31, 1990: \$925,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
2.1	Program Support	150,000	—	150,000
2.2	Urban Parks — Capital Grants	8,665,000	188.8	3,000,000
	Amount to be voted	8,815,000	179.8	3,150,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	145,224	21.0	120,000
Supplies and Services	4,776	(84.1)	30,000
Grants	8,665,000	188.8	3,000,000
Purchase of Fixed Assets	—	—	—
	8,815,000	179.8	3,150,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	3.5	—	3.5
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TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS

VOTE 1 — INDIVIDUAL LINE SERVICE

Objective: To assist in extending private line service throughout Alberta, at an affordable cost to rural subscribers.

Implementation: Technology, Research and Telecommunications is responsible for administering the project. Direct rebates are provided to reduce the costs for rural subscribers. The department has provided grants to the Alberta Government Telephone Commission (AGT) and Edmonton Telephones.

Total Investment to March 31, 1990: \$151,388,000

Summary by Sub-Project

Reference Number	Sub-Project	1991-92 Estimates	Change from Comparable 1990-91 Estimates	Comparable 1990-91 Estimates
		\$	%	\$
	(No Sub-Projects)			
	Amount to be voted	3,296,000	(95.1)	66,725,000

Summary by Object of Expenditure

Salaries, Wages and Employee Benefits	133,388	(31.2)	194,000
Supplies and Services	182,000	(46.3)	339,000
Grants	2,980,612	(95.5)	66,172,000
Purchase of Fixed Assets	—	(100.0)	20,000
	3,296,000	(95.1)	66,725,000

Summary of Manpower Authorization

Full-Time Equivalent Employment	3.5	(30.0)	5.0
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**SUMMARY OF AMOUNTS TO BE VOTED
ESTIMATES OF PROPOSED INVESTMENTS
For the fiscal year ending March 31, 1992**

Department / Vote		Estimates
AGRICULTURE		
1	Farming for the Future	\$ 5,000,000
2	Irrigation Rehabilitation and Expansion	25,000,000
3	Private Irrigation Water Supply	3,815,000
ENERGY		
1	Renewable Energy Research	\$ 1,000,000
ENVIRONMENT		
1	Irrigation Headworks and Main Irrigation Systems Improvement	\$ 40,000,000
2	Land Reclamation	2,500,000
EXECUTIVE COUNCIL		
1	Occupational Health and Safety Research and Education ...	\$ 1,180,000
FORESTRY, LANDS AND WILDLIFE		
1	Grazing Reserves Enhancement	\$ 2,844,000
2	Pine Ridge Reforestation Nursery Enhancement	6,500,000
HEALTH		
1	Applied Cancer Research	\$ 2,800,000
2	Alberta Family Life and Substance Abuse Foundation	6,000,000
RECREATION AND PARKS		
1	Municipal Recreation/Tourism Areas	\$ 930,000
2	Urban Park Development	8,815,000
TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS		
1	Individual Line Service	\$ 3,296,000
Amount to be voted under section 1 of the Appropriation (Alberta Heritage Savings Trust Fund, Capital Projects Division) Act, 1991		\$ 109,680,000